

		GOVERNMENT OF NEWFOUNDLAND AND LABRADOR Department of Transportation and Infrastructure		BRIDGE INSPECTION REPORT B03282022-1	
Date: 3/10/2022		Inspected By: Trevor Upshall		Category: Eng. - Engineering	
BRIDGE INFORMATION					
Site:		1-114 - MAHER'S BRIDGE - R			
SUBSTRUCTURE					
Condition:	F2 - Fair	Bearings:	F1 - Fair		
		Bearing Seat:	F1 - Fair		
Comments:	Assumed condition of buried reinforced concrete abutment footings. East footing partially exposed. Medium vertical cracks with light efflorescence in abutment faces. Narrow vertical cracks in east bearing seat.				
SUPERSTRUCTURE					
Condition:	F2 - Fair	Expansion Joints:	F2 - Fair		
Comments:	Narrow vertical cracks, medium honeycombing, spalling, with exposed rebar in west and east end diaphragms. Severe spalling and disintegration to numerous girder ends. Narrow longitudinal cracks in multiple girder flanges. Medium spalling with hairline alligator cracks at all four end blocks. Light spall with exposed rebar at downstream bottom of exit girder. Northeast extension joints remain exposed.				
DECK					
Condition:	F2 - Fair	Curbs:	F2 - Fair		
Hand Rail:	G - Good	Roadway Condition:	P1 - Poor		
Approach Rail:	P1 - Poor				
Comments:	Medium-severe spalling to asphalt along centerline of structure and approach slab creating potholes and exposing concrete deck. Structure has incorrect hazard markers installed at all four corners. Narrow transverse cracks with light efflorescence deposits in deck soffit and deck cantilever soffit. Medium spall in Northeast end extension curb.				
HYDROLOGY					
Water Velocity:	0.4 m/s	Ice Problem:	N - No Problem		
Water Depth:	0.3 m	Scour Problem:	N - No Problem		
Waterway:	01 - Adequate	Debris Problem:	N - No Problem		
Comments:					
REPLACEMENT/REHABILITATION					
Next Rehab. Date:	2024	Replacement Year:	2030		
Antic. Rehab. Cost:	\$0	Replacement Cost:	\$300		
Recommendations:	Deck and approaches require asphalt resurfacing.				
OBSERVATIONS					
Overall Condition:	F1 - Fair	Requires Further Inspection:	No		
Additional Observations:					